

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	6	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	12	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	13	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	15	AUG 27	USPATOLD now available on STN
NEWS	16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	18	SEP 13	FORIS renamed to SOFIS
NEWS	19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	20	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	21	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	23	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	24	OCT 19	BEILSTEIN updated with new compounds
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may

result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:13:17 ON 06 NOV 2007

=> file casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CASREACT' ENTERED AT 08:13:30 ON 06 NOV 2007

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 3 Nov 2007 VOL 147 ISS 20

New CAS Information Use Policies, enter HELP USAGETERMS for details.

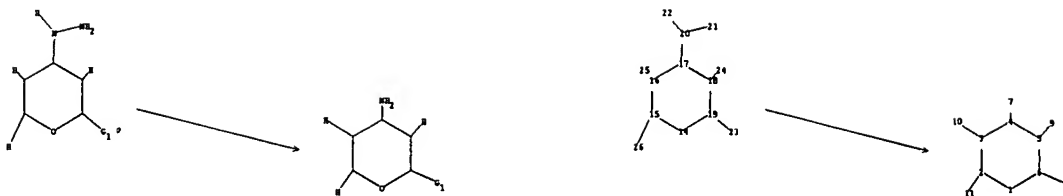
*
* CASREACT now has more than 13.8 million reactions *
*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1999) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

Uploading C:\Program Files\Stnexp\Queries\10564709.str



chain nodes :
 7 9 10 11 12 20 21 22 23 24 25 26
 ring nodes :
 1 2 3 4 5 6 14 15 16 17 18 19
 chain bonds :
 2-11 3-10 4-7 5-9 6-12 15-26 16-25 17-20 18-24 19-23 20-21 20-22
 ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-19 15-16 16-17 17-18 18-19
 exact/norm bonds :
 4-7 6-12 17-20 19-23 20-21
 exact bonds :
 1-2 1-6 2-3 2-11 3-4 3-10 4-5 5-6 5-9 14-15 14-19 15-16 15-26 16-17
 16-25 17-18 18-19 18-24 20-22
 isolated ring systems :
 containing 1 : 14 :

G1:C,H

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS
 11:CLASS 12:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:CLASS
 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS
 fragments assigned product role:
 containing 1
 fragments assigned reactant/reagent role:

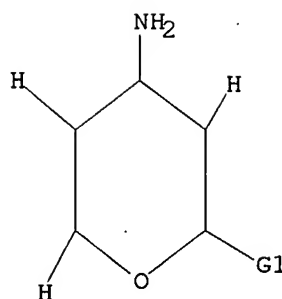
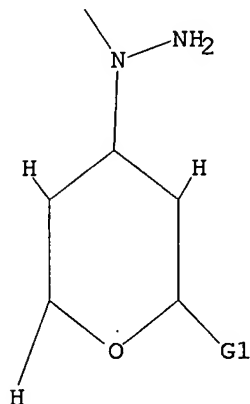
containing 14

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 08:13:53 FILE 'CASREACT'

SCREENING COMPLETE - 185 REACTIONS TO VERIFY FROM 26 DOCUMENTS

100.0% DONE 185 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 2885 TO 4515

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s 11 full

FULL SEARCH INITIATED 08:13:59 FILE 'CASREACT'

SCREENING COMPLETE - 11746 REACTIONS TO VERIFY FROM 711 DOCUMENTS

100.0% DONE 11746 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.03

L3 0 SEA SSS FUL L1 (0 REACTIONS)

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
113.55	113.76

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 08:14:10 ON 06 NOV 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTANXR1625

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUL 02	LMEDLINE coverage updated
NEWS	3	JUL 02	SCISEARCH enhanced with complete author names
NEWS	4	JUL 02	CHEMCATS accession numbers revised
NEWS	5	JUL 02	CA/CAPplus enhanced with utility model patents from China
NEWS	6	JUL 16	CAPplus enhanced with French and German abstracts
NEWS	7	JUL 18	CA/CAPplus patent coverage enhanced
NEWS	8	JUL 26	USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS	9	JUL 30	USGENE now available on STN
NEWS	10	AUG 06	CAS REGISTRY enhanced with new experimental property tags
NEWS	11	AUG 06	FSTA enhanced with new thesaurus edition
NEWS	12	AUG 13	CA/CAPplus enhanced with additional kind codes for granted patents
NEWS	13	AUG 20	CA/CAPplus enhanced with CAS indexing in pre-1907 records
NEWS	14	AUG 27	Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB
NEWS	15	AUG 27	USPATOLD now available on STN
NEWS	16	AUG 28	CAS REGISTRY enhanced with additional experimental spectral property data
NEWS	17	SEP 07	STN AnaVist, Version 2.0, now available with Derwent World Patents Index
NEWS	18	SEP 13	FORIS renamed to SOFIS
NEWS	19	SEP 13	INPADOCDB enhanced with monthly SDI frequency
NEWS	20	SEP 17	CA/CAPplus enhanced with printed CA page images from 1967-1998
NEWS	21	SEP 17	CAPplus coverage extended to include traditional medicine patents
NEWS	22	SEP 24	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	23	OCT 02	CA/CAPplus enhanced with pre-1907 records from Chemisches Zentralblatt
NEWS	24	OCT 19	BEILSTEIN updated with new compounds
NEWS EXPRESS	19	SEPTEMBER 2007:	CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may

result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:15:56 ON 06 NOV 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 08:16:05 ON 06 NOV 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 5 NOV 2007 HIGHEST RN 952474-38-3

DICTIONARY FILE UPDATES: 5 NOV 2007 HIGHEST RN 952474-38-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

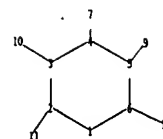
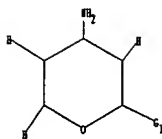
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10564709a.str



```

chain nodes :
7 9 10 11 12
ring nodes :
1 2 3 4 5 6
chain bonds :
2-11 3-10 4-7 5-9 6-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
4-7 6-12
exact bonds :
1-2 1-6 2-3 2-11 3-4 3-10 4-5 5-6 5-9
isolated ring systems :
containing 1 :
```

G1:C,H

Match level :

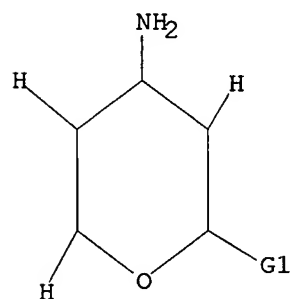
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 08:16:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 9138 TO ITERATE

21.9% PROCESSED 2000 ITERATIONS

50 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 177031 TO 188489

PROJECTED ANSWERS: 8196 TO 10810

L2 50 SEA SSS SAM L1

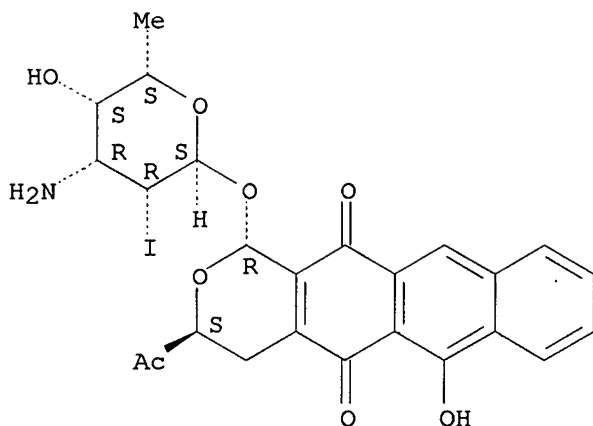
=> d scan

L2 50 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN 1H-Anthra[2,3-c]pyran-5,12-dione, 3-acetyl-1-[(3-amino-2,3,6-trideoxy-2-iodo- α -L-talopyranosyl)oxy]-3,4-dihydro-6-hydroxy-, (1R-trans)-(9CI)

MF C25 H24 I N O8

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full

FULL SEARCH INITIATED 08:16:54 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 183322 TO ITERATE

100.0% PROCESSED 183322 ITERATIONS
SEARCH TIME: 00.00.01

8648 ANSWERS

L3 8648 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

172.55

172.76

FILE 'CAPLUS' ENTERED AT 08:17:00 ON 06 NOV 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 6 Nov 2007 VOL 147 ISS 20

FILE LAST UPDATED: 5 Nov 2007 (20071105/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l3/prep full

57835 L3
4485478 PREP/RL
L4 3549 L3/PREP
(L3 (L) PREP/RL)

=> s 14 and nickel
654825 NICKEL
205 NICKELS
654856 NICKEL
(NICKEL OR NICKELS)

L5 22 L4 AND NICKEL

=> s 15 and oxid?
3125137 OXID?

L6 3 L5 AND OXID?

=> d ibib abs hitstr tot

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:788631 CAPLUS

DOCUMENT NUMBER: 147:197339

TITLE: Conjugates of cytotoxic agents and dendrimers
chain-extended with linear polymers

INVENTOR(S): Nilsson, Rune; Sandberg, Bengt; Wilbur, Scott

PATENT ASSIGNEE(S): Mitra Medical AB, Swed.

SOURCE: PCT Int. Appl., 61pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

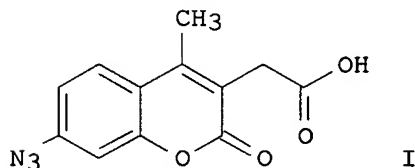
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007080114	A2	20070719	WO 2007-EP209	20070111
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.:

US 2006-758025P

P 20060111

GI

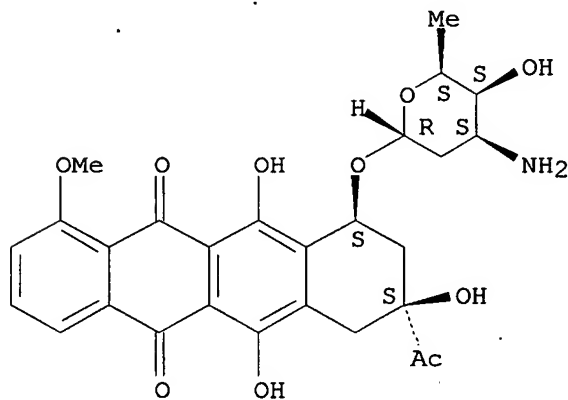


AB The invention relates to a macromol. comprising (a) a polymer central core having ≥ 2 atoms to which ≥ 2 monomers are attached forming a dendritic structure comprising ≥ 3 polymer bonds, (b) ≥ 3

linear polymers being bond to said polymer bonds, wherein said polymers (b) at least have terminal functional groups for cytotoxic agents, and (c) at least on extended polymer having a size of ≥ 1 carbon atom longer than said polymers (b) and at least a terminal functional group for a targeting agent. The invention also relates to a conjugates of of this macromol. with biotin as the affinity ligand and conjugates of the resulting product with cytotoxic agents for therapeutic uses. A typical biotin conjugate was manufactured by reaction of bis(2,3,5,6-tetrafluorophenyl) 5-(tert-butoxycarbonylamino)isophthalate with tert-Bu N-[3-[2-[2-(3-aminopropoxy)ethoxy]ethoxy]propyl]carbamate, reaction of the intermediate with N-[1-[3-[2-[2-(3-aminopropoxy)ethoxy]ethoxy]propylaminocarbonyl]ethyl]amide of biotin, reaction of the 2nd intermediate with TFA, reaction of the di-TFA salt of the 3rd intermediate with azide I, reaction of the 4th intermediate with thiocarbonyl diimidazole, reaction of the 5th intermediate with polyethylene glycol 2-aminoethyl 2-carboxylethyl ether, reaction of the 6th intermediate with 2,3,5,6-tetrafluorophenyl trifluoroacetate, and reaction of the 7th intermediate with generation 2 of PAMAM dendrimer, reaction of the 8th intermediate with polyethylene glycol 2-(tert-butoxycarbonylamino)ethyl 2-(2,3,5,6-tetrafluorophenoxy)ethyl ether, removal of the tert-butoxycarbonyl protective groups from the 9th intermediate, and reaction of the 10th intermediate with 2,3,5,6-tetrafluorophenyl 4-[2-(tert-butoxycarbonyl)hydrazinocarbonyl]benzoate.

IT 23541-50-6DP, Daunorubicin hydrochloride, reaction products with PAMAM-polyethylene glycol derivative adducts
 RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (precursor; conjugates of cytotoxic agents and dendrimers chain-extended with linear polymers)
 RN 23541-50-6 CAPLUS
 CN 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, hydrochloride (1:1), (8S,10S)- (CA INDEX NAME)

Absolute stereochemistry.



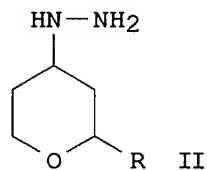
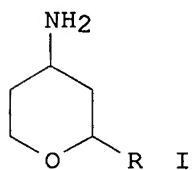
● HCl

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:55220 CAPLUS
 DOCUMENT NUMBER: 142:134458
 TITLE: Process for preparation of 4-aminotetrahydropyran derivatives
 INVENTOR(S): Nishino, Shigeyoshi; Hirotsu, Kenji; Shima, Hideyoshi;

PATENT ASSIGNEE(S): Iwamoto, Keiji; Harada, Takashi; Suzuki, Shinobu
 Ube Industries, Ltd., Japan
 SOURCE: PCT Int. Appl., 33 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005005406	A1	20050120	WO 2004-JP10010	20040714
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1661894	A1	20060531	EP 2004-747476	20040714
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1823051	A	20060823	CN 2004-80020211	20040714
US 2007106083	A1	20070510	US 2006-564709	20060113
IN 2006DN00525	A	20070810	IN 2006-DN525	20060131
PRIORITY APPLN. INFO.:			JP 2003-196229	A 20030714
			JP 2003-288324	A 20030807
			JP 2003-300129	A 20030825
			JP 2003-342771	A 20031001
			JP 2004-79883	A 20040319
			WO 2004-JP10010	W 20040714

OTHER SOURCE(S): MARPAT 142:134458
 GI

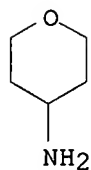


AB This invention pertains to a method for producing 4-aminotetrahydropyrans I [where R = H or hydrocarbyl], characterized by subjecting 4-hydrazinotetrahydropyrans II to decomposition in the presence of at least one compound selected from among Raney nickel, noble metal catalysts, and metal oxides. For example, tetrahydropyran-4-yl methanesulfonate was reacted with NH₂NH₂•H₂O in EtOH to give 4-hydrazinotetrahydropyran (51%). 4-Hydrazinotetrahydropyran was treated with Raney nickel in EtOH in the presence of H₂ to provide 4-aminotetrahydropyran (65%). This invention provides a convenient method to prepare 4-aminotetrahydropyran derivs. with industrial advantages.

IT 33024-60-1P 38041-19-9P 89584-06-5P
 827046-87-7P 827046-88-8P 827046-89-9P
 RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
 (preparation of 4-aminotetrahydropyran derivs.)

RN 33024-60-1 CAPLUS

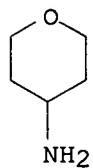
CN 2H-Pyran-4-amine, tetrahydro-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

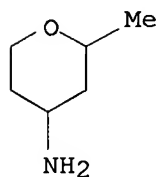
RN 38041-19-9 CAPLUS

CN 2H-Pyran-4-amine, tetrahydro- (CA INDEX NAME)



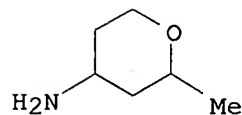
RN 89584-06-5 CAPLUS

CN 2H-Pyran-4-amine, tetrahydro-2-methyl- (9CI) (CA INDEX NAME)



RN 827046-87-7 CAPLUS

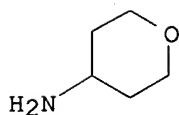
CN 2H-Pyran-4-amine, tetrahydro-2-methyl-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

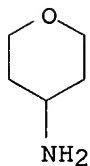
RN 827046-88-8 CAPLUS

CN 2H-Pyran-4-amine, tetrahydro-, hydrobromide (9CI) (CA INDEX NAME)

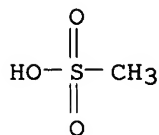


● HBr

RN 827046-89-9 CAPLUS
 CN 2H-Pyran-4-amine, tetrahydro-, methanesulfonate (9CI) (CA INDEX NAME)
 CM 1
 CRN 38041-19-9
 CMF C5 H11 N O



CM 2
 CRN 75-75-2
 CMF C H4 O3 S

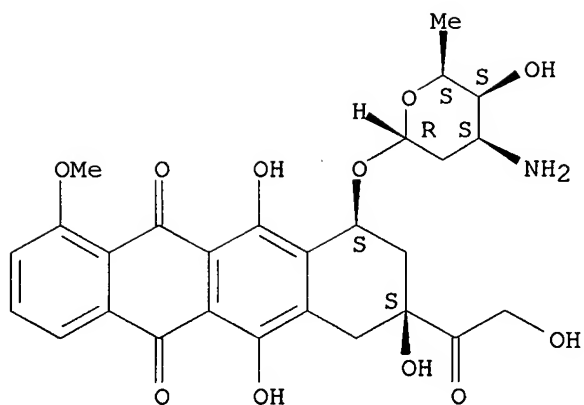


REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:133121 CAPLUS
 DOCUMENT NUMBER: 138:183234
 TITLE: Conjugates of macrocyclic metal complexes with biomolecules, and the use thereof for producing agents for use in NMR diagnosis, radiodiagnosis and radiotherapy
 INVENTOR(S): Platzek, Johannes; Schmitt-Willich, Heribert; Michl, Guenther; Frenzel, Thomas; Suelzle, Detlev; Bauer, Hans; Raduechel, Bernd; Weinmann, Hanns-Joachim; Schirmer, Heiko
 PATENT ASSIGNEE(S): Schering AG, Germany
 SOURCE: PCT Int. Appl., 93 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003013617	A2	20030220	WO 2002-EP8000	20020718
WO 2003013617	A3	20040610		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10135355	C1	20030417	DE 2001-10135355	20010720
CA 2453214	A1	20030220	CA 2002-2453214	20020718
AU 2002355333	A1	20030224	AU 2002-355333	20020718
AU 2002355333	B2	20070104		
BR 2002011150	A	20040629	BR 2002-11150	20020718
EP 1450864	A2	20040901	EP 2002-794507	20020718
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
CN 1541114	A	20041027	CN 2002-814569	20020718
JP 2004536889	T	20041209	JP 2003-518619	20020718
US 2003206865	A1	20031106	US 2002-198048	20020719
TW 238722	B	20050901	TW 2002-91116146	20020719
IN 2003DN02272	A	20070406	IN 2003-DN2272	20031226
MX 2004PA00400	A	20040318	MX 2004-PA400	20040114
US 2007014725	A1	20070118	US 2006-390414	20060328
PRIORITY APPLN. INFO.:			DE 2001-10135355	A 20010720
			WO 2002-EP8000	W 20020718
OTHER SOURCE(S):		MARPAT 138:183234		
AB	The invention discloses conjugates of macrocyclic metal complexes with biomols., as well as the production thereof. The conjugates are suited for use as contrast agents in NMR diagnosis and radiodiagnosis and as agents for radiotherapy. A high relaxivity is achieved and a fine tuning of the relaxivity is made possible by a special liganding of the macrocycles.			
IT	23214-92-8DP, Doxorubicin, conjugates with gadolinium complexes RL: DGN (Diagnostic use); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (macrocyclic metal complex-biomol. conjugates, preparation, and use as agents for NMR diagnosis, radiodiagnosis and radiotherapy)			
RN	23214-92-8 CAPLUS			
CN	5,12-Naphthacenedione, 10-[(3-amino-2,3,6-trideoxy- α -L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-8-(2-hydroxyacetyl)-1-methoxy-, (8S,10S)- (CA INDEX NAME)			

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 08:15:56 ON 06 NOV 2007)

FILE 'REGISTRY' ENTERED AT 08:16:05 ON 06 NOV 2007

L1 STRUCTURE UPLOADED
 L2 50 S L1
 L3 8648 S L1 FULL

FILE 'CAPLUS' ENTERED AT 08:17:00 ON 06 NOV 2007

L4 3549 S L3/PREP FULL
 L5 22 S L4 AND NICKEL
 L6 3 S L5 AND OXID?

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	23.72	196.48
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.34	-2.34

STN INTERNATIONAL LOGOFF AT 08:19:25 ON 06 NOV 2007